Final section: Utilities

This section is creating an activity to navigate to other sub-activities such as GPAcalculator, Calendar, and MyLocation.

I. The UI:

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.tando.school.Utilities"
    android:orientation="vertical"
    android:background="#FFF">
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <LinearLayout
        android:orientation="vertical"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginBottom="10dp">

        <!--Logo -->
        <ImageView
            android:id="@+id/logo"
            android:layout_width="150dp"
            android:layout_height="100dp"
            android:background="@drawable/mainlogo"
            android:layout_gravity="center"/>
        <!--4 sections of the app -->
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Calendar"
            android:textColor="#FFFFFF"
            android:layout_marginBottom="30dp"
            android:layout_marginTop="10dp"
            android:background="@drawable/utilties"
            android:onClick="StartCalendar"
            />
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="GPA Calculator"
            android:textColor="#FFFFFF"
            android:layout_marginBottom="30dp"
            android:background="@drawable/utilties"
            android:onClick="StartGPACal"
            />
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="My Location"
            android:textColor="#FFFFFF"
            android:layout_marginBottom="30dp"
            android:background="@drawable/utilties"
            android:onClick="StartLoc"
            />
        <!--Social Media -->
        <LinearLayout
```

```xml
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="10dp"
            android:orientation="horizontal"
            android:layout_gravity="center">

            <ImageView
                android:id="@+id/faceBook"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:src="@drawable/ic_facebook"
                android:paddingRight="5dp"
                android:onClick="fbClick"/>

            <ImageView
                android:id="@+id/googlePlus"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:src="@drawable/ic_google"
                android:paddingRight="5dp"
                android:onClick="googleClick"/>

            <ImageView
                android:id="@+id/linkedIn"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:src="@drawable/ic_linkedin"
                android:paddingRight="5dp"
                android:onClick="linkedInClick"/>

            <ImageView
                android:id="@+id/youTube"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:src="@drawable/ic_youtube"
                android:paddingRight="5dp"
                android:onClick="youTubeClick"/>

            <ImageView
                android:id="@+id/twitterT"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:src="@drawable/ic_twitter"
                android:paddingRight="5dp"
                android:onClick="twitterClick"/>
        </LinearLayout>
    </LinearLayout>
  </ScrollView>
</LinearLayout>
```
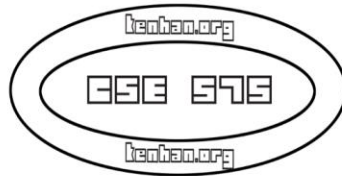
Click the run button this section should be like this:

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CALENDAR

GPA CALCULATOR

MY LOCATION

II. Utilities.java: just using intent function to navigate to the sub-pages. Explanations are in the comments

```java
package com.tando.school;

import android.content.Intent;
import android.net.Uri;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;

public class Utilities extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_utilities);
    }

    //Calendar
    public void StartCalendar (View view) {
        startActivity(new Intent(this, Calendar.class));
    }
    //GPA Calculator
    public void StartGPACal (View view) {
        startActivity(new Intent(this, GPAcalculator.class));
    }
    //MyLocation
    public void StartLoc (View view) {
        startActivity(new Intent(this, MyLocation.class));
    }
    //Location

    //link to FaceBook
    public void fbClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION_VIEW,
Uri.parse("https://www.facebook.com/flitetest/")));
    }
    //google+
    public void googleClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION_VIEW,
Uri.parse("https://plus.google.com/u/0/+google")));
    }
    //LinkedIn
    public void linkedInClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION_VIEW,
Uri.parse("https://www.linkedin.com/in/mbacsusb/")));
    }
    //youtube
    public void youTubeClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION_VIEW,
Uri.parse("https://www.youtube.com/channel/UCwqJShoifP6032UXYe-sD-A")));
    }
    //Twitter
    public void twitterClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION_VIEW,
Uri.parse("https://twitter.com/Google")));
```

```
        }
}
```